

PTO-1449 <b>Information Disclosure Citation in an Application</b>	Application No. 09/397,481	Applicant(s) Haws, et al.	
	Docket Number 004578.1025	Group Art Unit Unknown	Filing Date 09/16/99

## U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CA	A	2,677,367	05/04/54	M. Telkes			
CA	B	3,132,688	05/12/64	W. B. Nowak			
CA	C	3,909,118	09/30/75	Schmidt			
CA	D	4,047,198	09/06/77	Sekhon, et al.			
CA	E	4,099,853	07/11/78	Glickler, et al.			
CA	F	4,143,946	03/13/79	Leo, et al.			
CA	G	4,178,727	12/18/79	Prusinski, et al.			
CA	H	4,268,558	05/19/81	Boardman			
CA	I	4,341,262	07/27/82	Alspaugh			
CA	J	4,381,818	05/03/83	Sachar, et al.			
CA	K	4,408,659	10/11/83	Hermanns, et al.			
CA	L	4,446,916	05/08/84	Hayes			
CA	M	4,494,171	01/15/85	Bland, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	A	0-308 247	03/22/89	EPC				
	B	2-208497	8/90	Japan			Abstract	
	C	55-96892	7/80	Japan			Abstract	
	D	1-147294	6/89	Japan			Abstract	
	E	60-232496	11/85	Japan			Abstract	

## NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
CA	F	Gaunt, et al., IBM Technical Disclosure Bulletin, XP 002045948 "Low Velocity Air-Jet Cooling", Vol. 25, No. 7A, December 1982, pp 3305 and 3306.	
#	G	IBM Technical Disclosure Bulletin, XP 000584055 "Multi-Chip Module Impingement Cooling Plenum", Vol. 39, No. 05, May 1996, pp 57 and 58.	
#	H	XP 002045949, "IBM Packs in High Density Circuits", Computer Design, December 1984, pp. 254 and 255.	

EXAMINER

DATE CONSIDERED

C. D. Haws

8/14/00

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\* Fails to comply with 37 CFR 1.98(a)(3).

# No inventor identified.

U.S. Patent and Trademark Office

PTO-1449

**Information Disclosure Citation  
in an Application**

Application No.

09/397,481

Applicant(s)

Haws, et al.

Docket Number

004578.1025

Group Art Unit

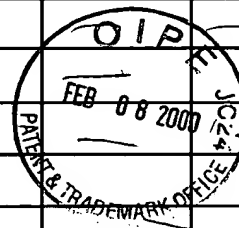
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Filing Date

09/16/99

**U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>ca</i>	A	4,512,388	04/23/85	Claar, et al.			
<i>ca</i>	B	4,528,208	07/09/85	Hirvonen, et al.			
<i>ca</i>	C	4,730,233	03/08/88	Osterman			
<i>ca</i>	D	4,832,118	05/23/89	Scanlon, et al.			
<i>ca</i>	E	4,823,863	04/25/89	Nakajima, et al.			
<i>ca</i>	F	4,898,234	02/06/90	McGovern, et al.			
<i>ca</i>	G	4,966,226	10/30/90	Hamburgen			
<i>ca</i>	H	4,998,181	03/05/91	Haws, et al.			
<i>ca</i>	I	5,007,478	04/16/91	Sengupta			
<i>ca</i>	J	5,039,577	08/13/91	Knoell, et al.			
<i>ca</i>	K	5,063,476	11/05/91	Hamadah, et al.			
<i>ca</i>	L	5,123,982	06/23/92	Kuzay			
<i>ca</i>	M	5,128,689	07/07/92	Wong, et al.			
<i>ca</i>	N	5,255,984	07/06/93	Nemes			



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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>#</i>	A	4-143526	5/92	Japan			Abstract	
<i>#</i>	B	6-291480	10/94	Japan			Abstract	
<i>#</i>	C	4-44352	2/92	Japan			Abstract	
<i>#</i>	D	63-267890	11/88	Japan			Abstract	
<i>#</i>	E	0.541 456 A1	5/93	EPC				X

**NON-PATENT DOCUMENTS**

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
<i>A</i>	F	Rosenbaum, et al., "Efficient and Simple Heat Exchangers", 1981, pp. 593-594.	
<i>O</i>	G	"Sketch A - Mechanical and Electrical Packaging of 'Slat' Phased Arrays" (1 sheet).	
<i>A</i>	H	"Development of Advanced EHF Airborne Arrays", Ft. Monmouth, NJ; May 2, 1995 (13 sheets).	

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C. Atkinson

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8/14/00

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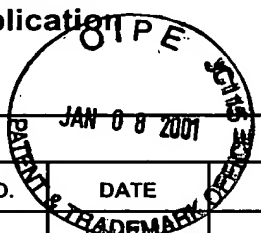
*#* Patent No. 5,255,984 of inventor do not correctly correspond.  
*#* fails to comply with 37CFR 1.98(a)(13). *A* fails to give inventor or company/publisher/brand.  
*O* fails to give inventor, publication date, etc.

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PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. 09/397,481		Applicant(s) Haws, <i>et al.</i>	
		Docket Number 004578.1025		Group Art Unit Unknown Filing Date 09/16/99	
U.S. PATENT DOCUMENTS					
		DOCUMENT NO.	DATE	NAME	CLASS
60	A	5,263,536	11/23/93	Hulburd, <i>et al.</i>	
60	B	5,267,611	12/07/93	Rosenfeld	
60	C	5,325,913	07/05/94	Altoz	
60	D	5,404,272	04/04/95	Lebailly, <i>et al.</i>	
60	E	5,523,260	06/04/96	Missele	
60	F	5,852,548	12/22/98	Koon, <i>et al.</i>	
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FOREIGN PATENT DOCUMENTS					
		DOCUMENT NO.	DATE	COUNTRY	CLASS
	N	6-34287	2/94	Japan	
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EXAMINER  C. OTHMAN				DATE CONSIDERED  8/14/00	
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PTO-1449 <b>Information Disclosure Citation in an Application</b>	Application No. 09/397,481	Applicant(s) Haws, et al.	
	Docket Number 004578.1025	Group Art Unit 3743	Filing Date 09/16/1999



U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	A	4,250,958	02/17/81	Wasserman			
<input checked="" type="checkbox"/>	B	4,673,030	06/16/87	Basiulis			
<input checked="" type="checkbox"/>	C	5,085,790	02/04/92	Hormansdorfer			
<input checked="" type="checkbox"/>	D	5,293,171	03/08/94	Cherrette			
<input checked="" type="checkbox"/>	E	5,272,491	12/21/93	Asakawa, et al.			
<input checked="" type="checkbox"/>	F	5,386,701	02/07/95	Cao			
<input checked="" type="checkbox"/>	G	5,579,830	12/03/96	Giammaruti			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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